



THE WCO DATA MODEL

***CROSS-BORDER TRANSACTIONS
ON THE FAST TRACK***

The WCO Data Model Information packages

World Customs Organization



WCO Data Model : Challenges

The Challenge

- As many different types of systems & procedures as there are countries/ stake holders
- 100s of different forms & 1000s of data elements
- Document preparation consumes the largest time-segment in the process of release and clearance of cargo

WCO Response

- A solution for harmonized Customs procedures
 - **Revised Kyoto Convention**
- A solution for a common Customs/ Cross-Border data standard
 - **WCO Data Model**



WCO Data Model : In a nutshell

a set of carefully combined data requirements that are mutually supportive and which will be updated on a regular basis to meet the procedural and legal needs of cross-border regulatory agencies such as Customs, controlling export, import and transit transactions.



Global language of CBRN

WCO Data Model

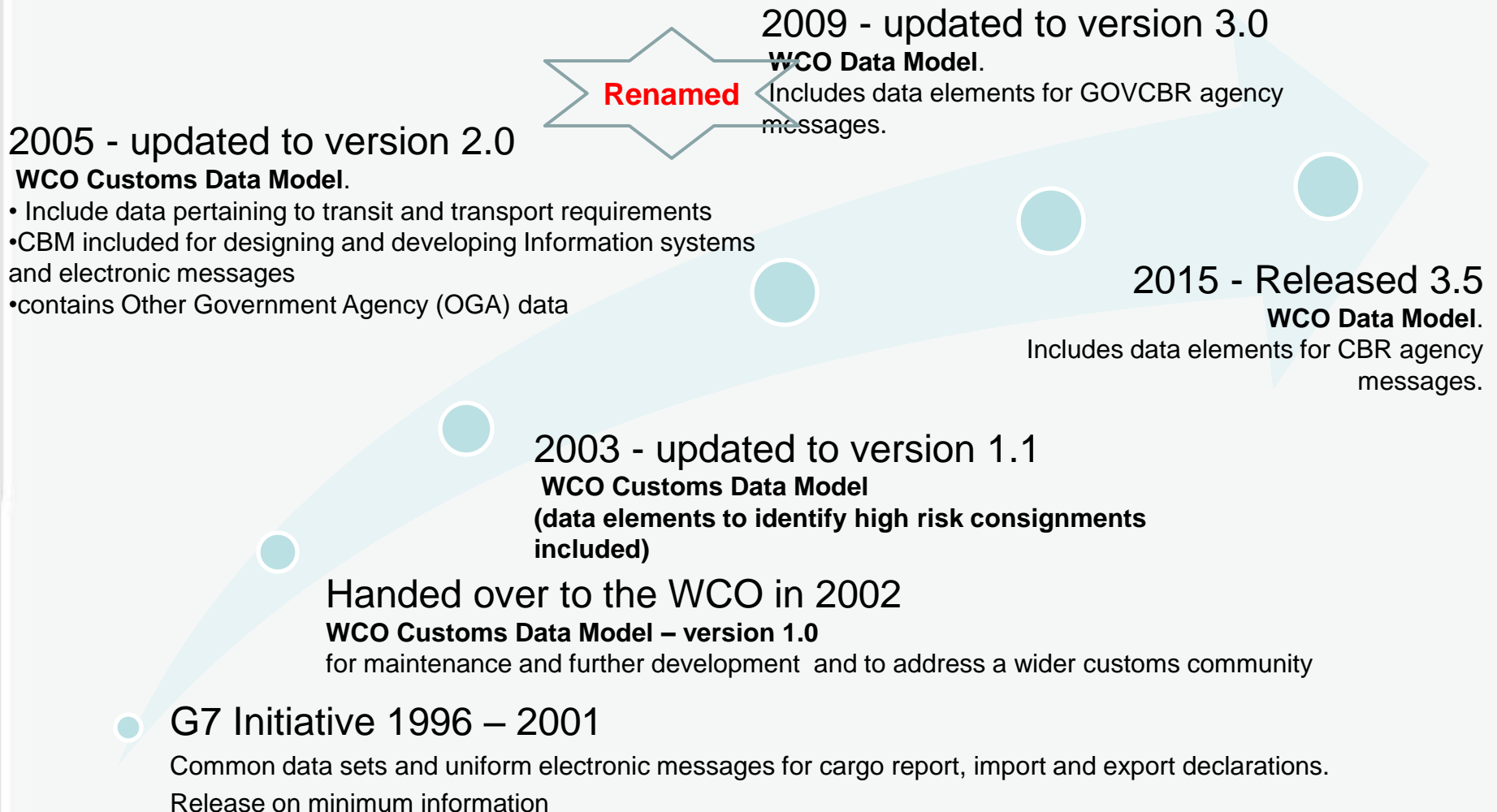
Create **Collaboration**
Through **Interoperability**
By using **WCO Data Model**
As the **common reference** and
dictionary





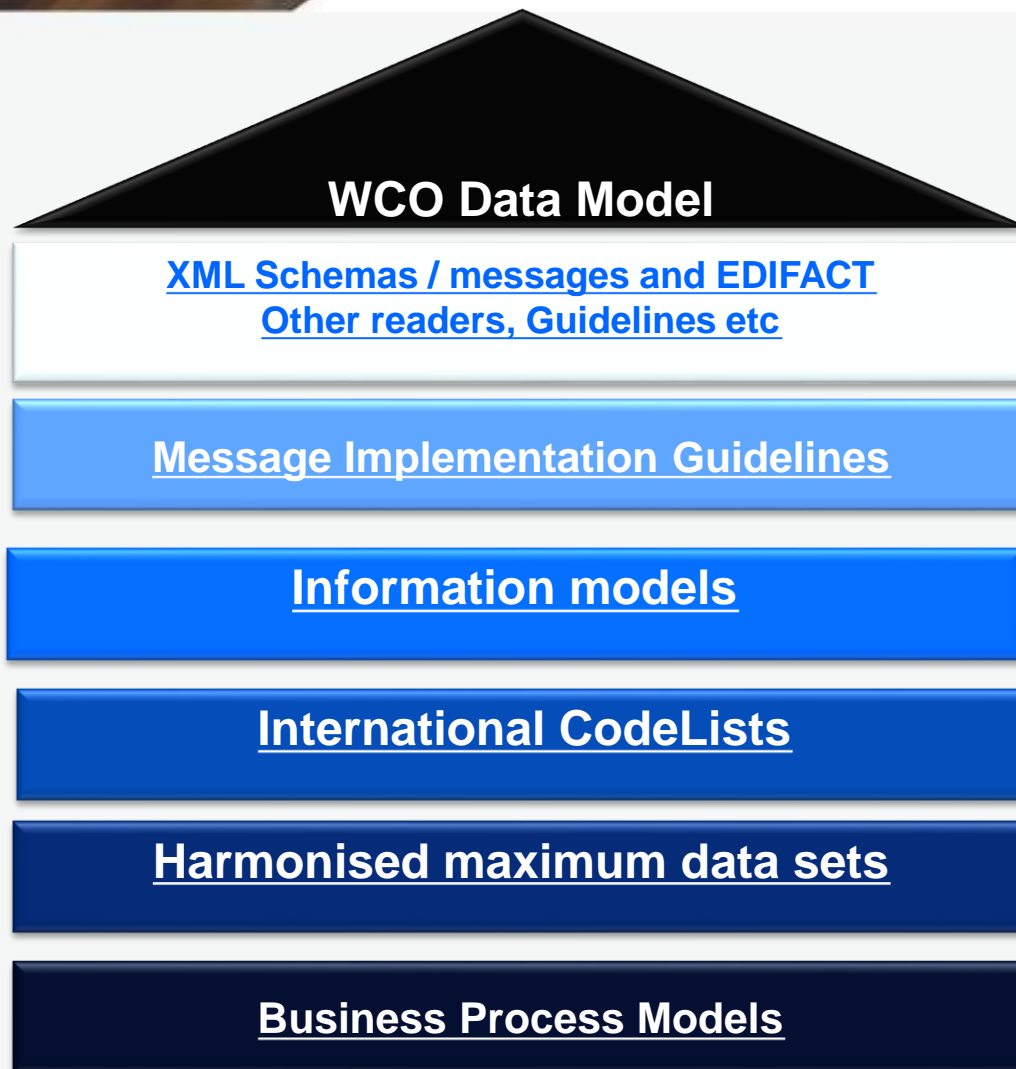
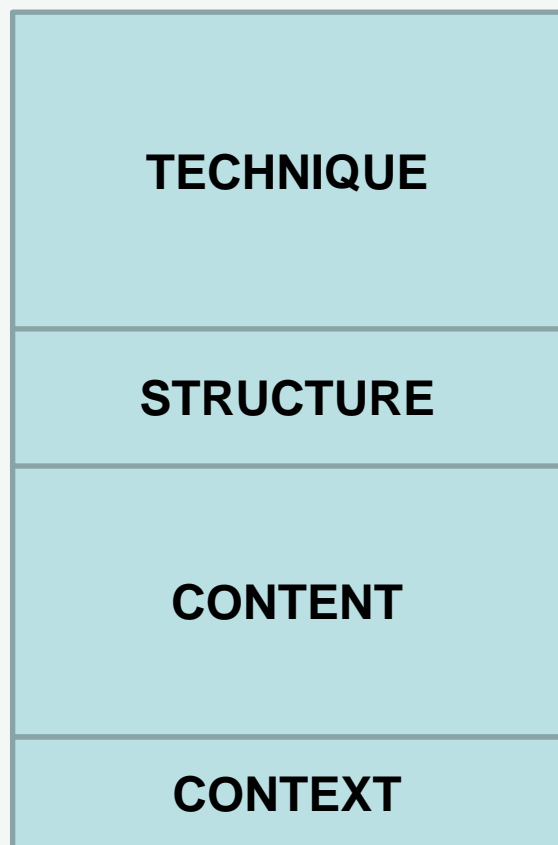
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WCO Data Model : Brief History





WCO Data Model **Components**





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WCO Data Model Information Package

WCO Data Model

The Alphabet

Message Standards Framework

Generalist

Maximum Dataset of CBRA Data Requirement

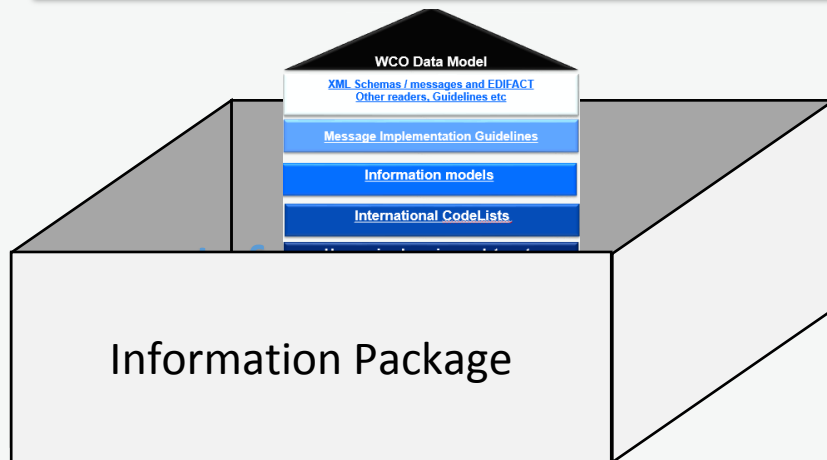
Information Package

The Word

Specific Message Standards

Specialist

Subset of data elements for specific purpose

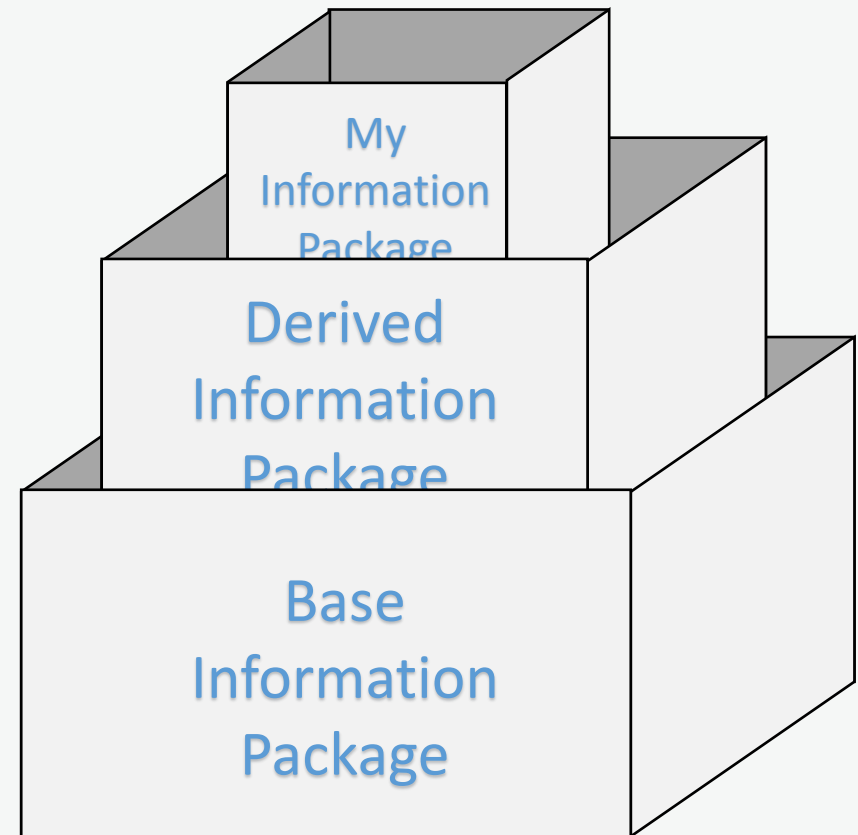


- To categorize/ organize dataset
- Standard Electronic Messages Templates
- Reusable Information components
- Enhance interoperability



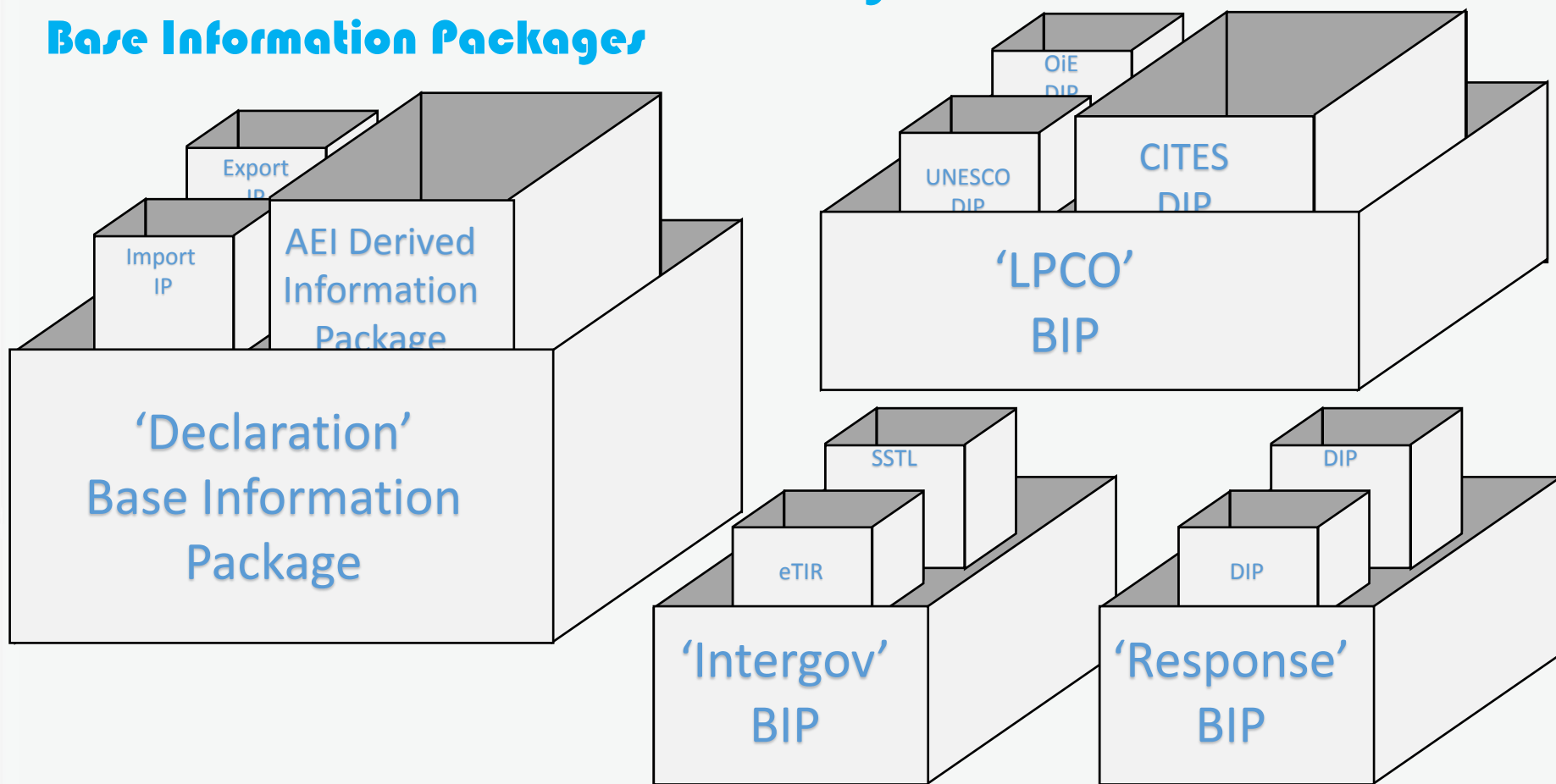
WCO Data Model Components: Information Package

- All the data elements required for B2G, G2B or G2G transactions
- Logically structured into “Information Packages”
- Broken down into subsets called “Derived Information Packages”
- Countries/ OGAs can then create their own use-case as a “My Information Package”





WCO Data Model Information Package: Base Information Packages

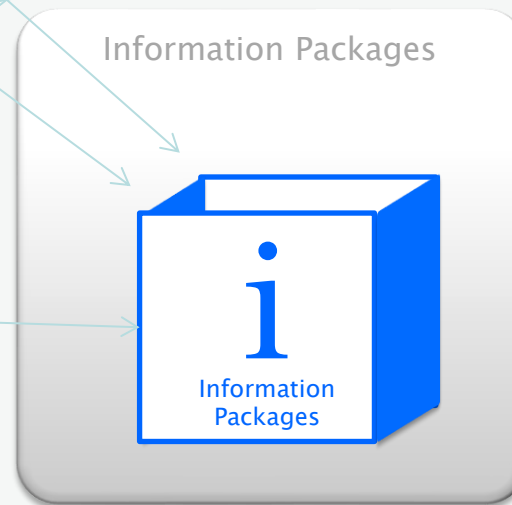
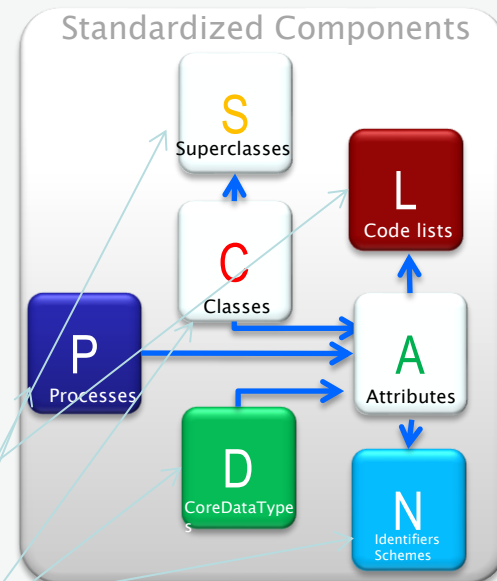
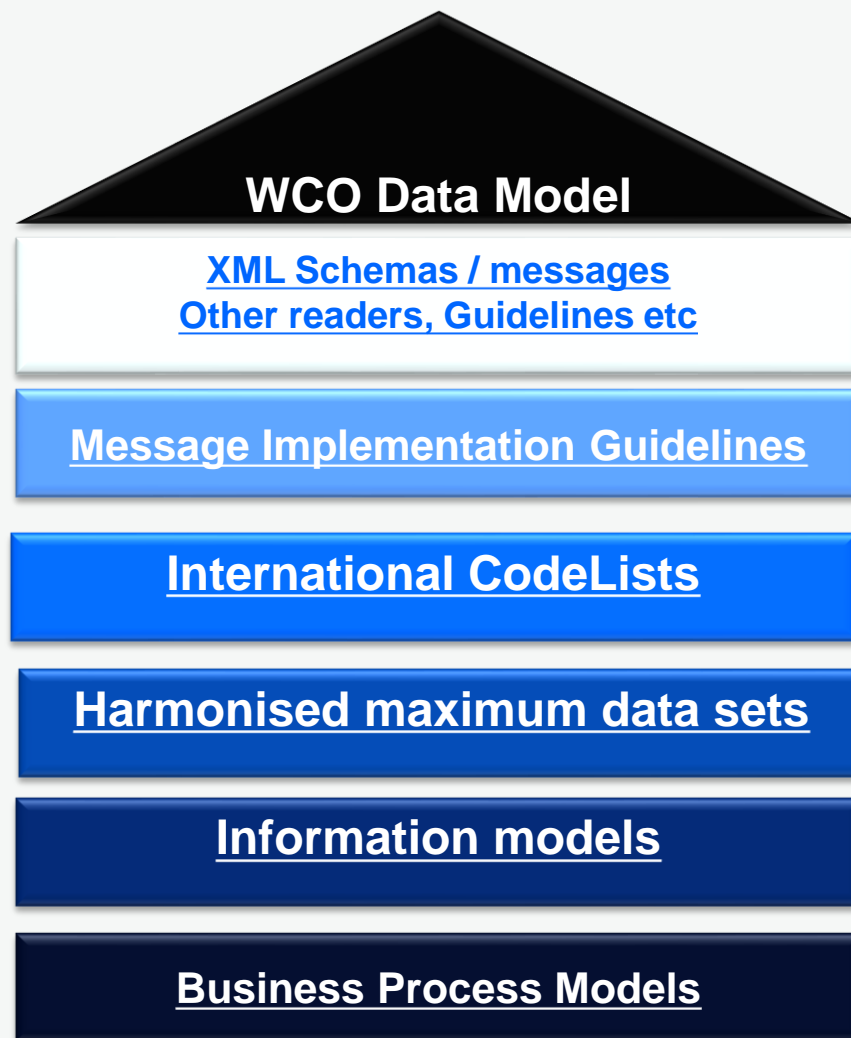




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WCO DM IS A LIBRARY

From 'House' → to a Library

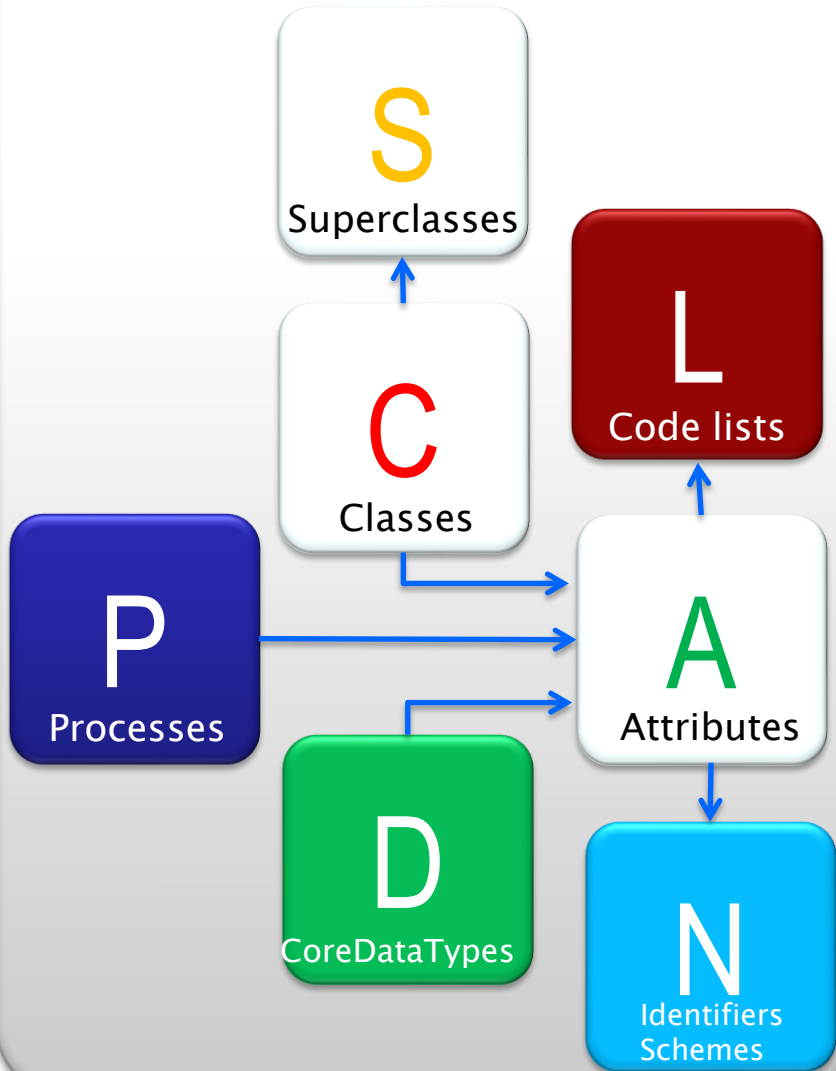




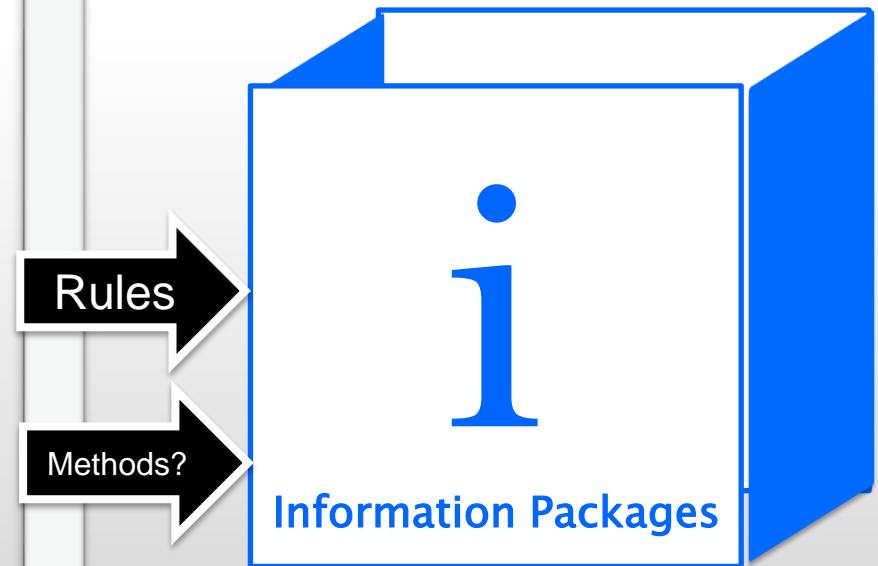
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Standardized Components



Information Packages

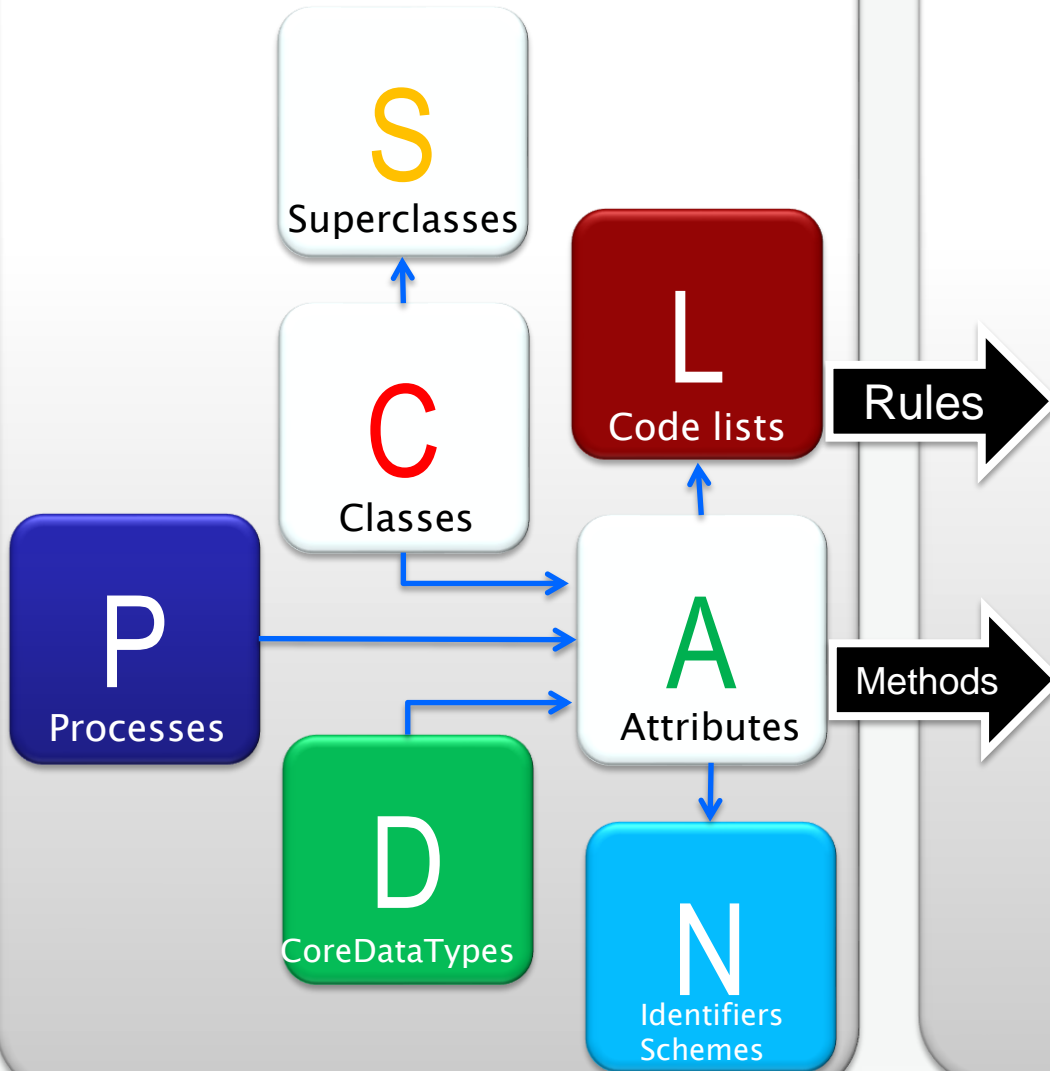




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Standardized Components



Information Packages





WCO Data Model : Governance

- ✓ WCO Governance Processes
 - ✓ Development, Maintenance Conformance
 - ✓ Member Driven
 - ✓ Four face-to-face meetings a year Within the DMTP
 - ✓ Partnerships with government & Private Sector

- ✓ Growing and widespread use & adoption
 - ✓ EU - CDM
 - ✓ US
 - ✓ CBSA
 - ✓ China



THE WCO DATA MODEL

Thank you for your attention !

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